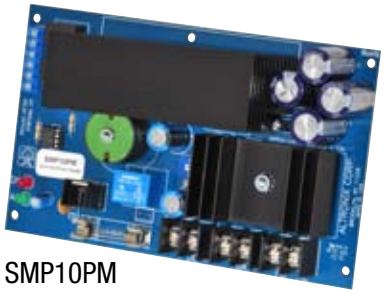
# SMP10PM - Supervised Power Supply/Charger

Rev. DSSMP10PM - 02092012



SMP10PM

## Overview

This Altronix supervised power supply/charger converts a low voltage AC input into a 12VDC or 24VDC output. This unit has a wide range of applications for access control, security and CCTV system accessories that require additional power.

## Specifications

### Input:
- Input 28VAC.

### Output:
- 12VDC or 24VDC selectable output.
- 10 amp supply current.
- Filtered and electronically regulated outputs.
- Short circuit and thermal overload protection.

### Battery Backup:
- Built-in charger for sealed lead acid or gel type batteries.
- Maximum charge current 0.7 amp.
- Zero voltage drop when switching over to battery backup.

### Supervision:
- AC fail supervision (form "C" contacts).

### Supervision *(cont'd)*:
- Battery presence and low battery supervision (form "C" contacts).

### Visual Indicators:
- AC input and DC output LED indicators.

### Electrical:
- Operating temperature: 0º C to 49º C ambient.
- BTU/Hr.:
  - 12VDC: 27 BTU/Hr.
  - 24VDC: 55 BTU/Hr.
- System AC input VA requirement: 506VA.

### Mechanical:
- Product weight (approx.): 2.45 lbs. (1.11 kg.).
- Shipping weight (approx.): 2.75 lbs. (1.25 kg.).

## Board Dimensions *(L x W x H) (approximate)*:

4.266" (108.36mm) x 7.045" (178.95mm) x 2.127" (54.05mm)